

DUAL SIDE MOUNT SHOCK RESISTANT PIEZOELECTRIC BENDER

Abstract of the Disclosure

Disclosed is piezoelectric bender for use as an acoustic generating device. The acoustic generating device includes a piezoelectric material, a metal diaphragm, an electric circuit and mounting devices. The metal diaphragm is affixed to the piezoelectric material and has a nodal fulcrum. The electric circuit is connected to the piezoelectric material and electrically activates the piezoelectric material. The mounting devices are constructed of insulating material and are positioned at the top and bottom of the metal diaphragm. The mounting devices support the metal diaphragm at the nodal fulcrum with an adhesive to resist impact damage.